

Anti-IL-4 antibody [EPR1118Y] ab62351

リコンビナント **RabMAb**

9 References **画像数 4**

製品の概要

製品名	Anti-IL-4 antibody [EPR1118Y]
製品の詳細	Rabbit monoclonal [EPR1118Y] to IL-4
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, ICC/IF 適用なし: IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide within Human IL-4 aa 50-150. The exact sequence is proprietary.
ポジティブ・コントロール	Human tonsil lysate
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR1118Y
アイソタイプ IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab62351の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Predicted molecular weight: 17 kDa.
ICC/IF		1/500.

追加情報 Is unsuitable for IHC-P or IP.

ターゲット情報

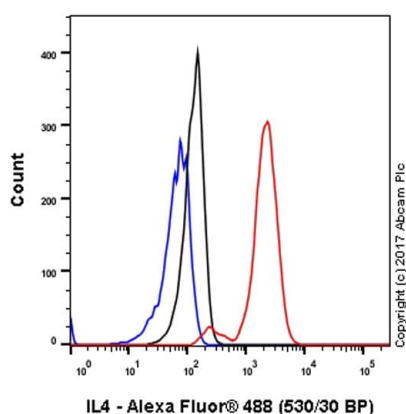
機能 Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

関連疾患 Genetic variations in IL4 may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.

配列類似性 Belongs to the IL-4/IL-13 family.

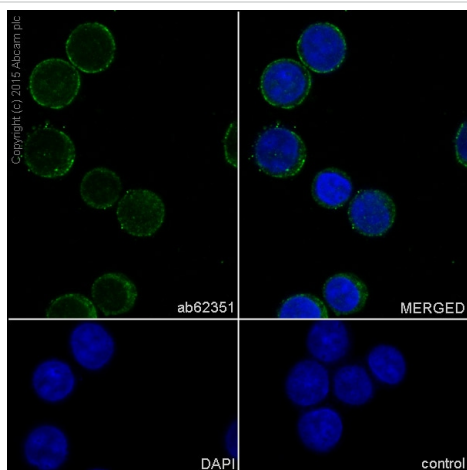
細胞内局在 Secreted.

画像



Flow Cytometry (Intracellular) - Anti-IL-4 antibody
[EPR1118Y] (ab62351)

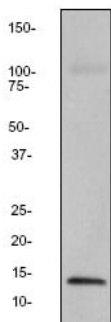
Intracellular Flow Cytometry analysis of Ramos (human Burkitt's lymphoma) cells labeling IL4 with unpurified ab62351 at 1/150 dilution (10ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



Immunocytochemistry/ Immunofluorescence - Anti-IL-4 antibody [EPR1118Y] (ab62351)

Immunocytochemistry/Immunofluorescence analysis of RAMOS (human Burkitt's lymphoma) labelling IL4 with purified ab62351 at 1/500. Cells were fixed with 100% methanol. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody (Ab150077). Nuclei counterstained with DAPI (blue).

Control: PBS only



Anti-IL-4 antibody [EPR1118Y] (ab62351) at 1/2000 dilution +
Human tonsil lysate at 10 µg

Secondary

goat anti rabbit HRP at 1/2000 dilution

Predicted band size: 17 kDa

Observed band size: 14 kDa

Western blot - Anti-IL-4 antibody [EPR1118Y]
(ab62351)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-IL-4 antibody [EPR1118Y] (ab62351)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors